

Air Filter / F45, F55, F105

JIS Symbol



Pressure gauges in the photo are optional.

Representation

F 4 5 D - 0 3 N Y B S

Model No.

F45, F55, F105

Bracket

No mark: No bracket
 BS : Direct mounting bolt
 BM : Both sides
 BF : Rear side

Material of cup

No mark: Plastic bowl
 D : Metal bowl without mark

Way of water discharge

No mark: Manual drain
 Y : Spring drain
 S : Drainmaster
 M : Automatic drain

(Note) F45 has no automatic discharge type

Port size

02: Rc $\frac{1}{4}$
 03: Rc $\frac{3}{8}$
 04: Rc $\frac{1}{2}$
 06: Rc $\frac{3}{4}$



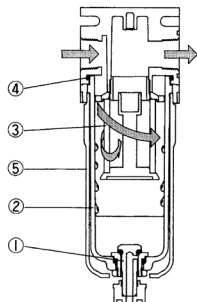
Filtration rate

No mark: 5 μ m
 N : 20 μ m (45)
 J : 40 μ m (55, 105)

Specifications

Model No.	Unit	F45	F55	F105
Port size		Rc¼	Rc¼, ⅜, ½	Rc½, ¾
Filter rating	μm	5(N : 20)	5(J : 40)	
Max. operating pressure	MPa (kgf/cm ²)	1 [10] (D : 1.4 [14])		
Surrounding temperature range	°C	5 ~ 50 (D : 5 ~ 65)		
Filter bowl capacity	cm ³	22	47	140
Weight	kg	0.16	0.30	1.55

Construction



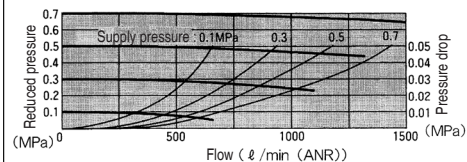
Components and Parts

No. Name		F45	F55	F105	Material	
1	Drain cock		B450207		POM	
2	Plastic bowl		B450202	B550302	B1050402	PC
3	Filter element	5 μm	B450204-05	B550305-05	B1050405-05	PP
		20, 40μm	B450204-20	B550305-40	B1050405-40	PP
4	Bowl gasket		B45BB01	B55BB01	AS138	NBR
5	Bowl guard		—	B550303	B1050403	PE (PA)

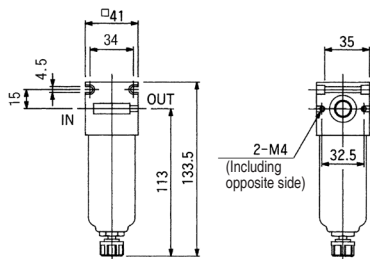
Flow characteristics

(Unit : mm)

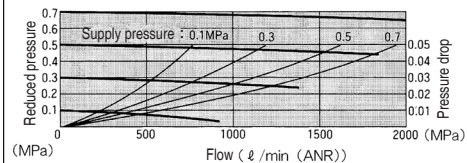
F45



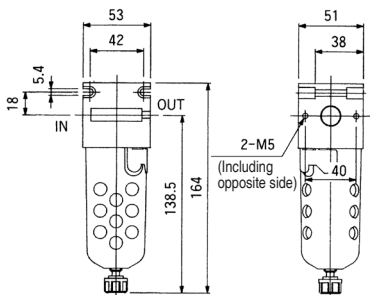
F45



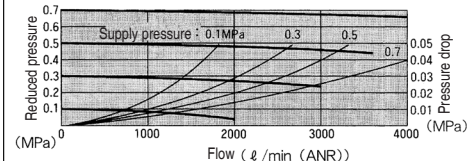
F55



F55



F105



F105

